# Big Data Analytics in HIV/AIDS Research

Part of the Advances in Healthcare Information Systems and Administration Book Series

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## Description:

With the advent of new technologies in big data science, the study of medical problems has made significant progress. Connecting medical studies and computational methods is crucial for the advancement of the medical industry.

**Big Data Analytics in HIV/AIDS Research** provides emerging research on the development and implementation of computational techniques in big data analysis for biological and medical practices. While highlighting topics such as deep learning, management software, and molecular modeling, this publication explores the various applications of data analysis in clinical decision making. This book is a vital resource for medical practitioners, nurses, scientists, researchers, and students seeking current research on the connections between data analytics in the field of medicine.

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## Topics Covered:

- Computational Analysis
- Data Security and Privacy
- Decision Support
- Deep Learning
- Infectious Disease

- Management Software
- Model Evaluation
- Molecular Modeling
- Prediction Techniques

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